

19980716.qrp v01_n154.qrs.980716

Date: Thu, 16 Jul 1998 19:03:43 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1154

QRP-L Digest 1154

Topics covered in this issue include:

- 1) [15201] Sources for Tektronix manuals
by "Ron Polityka" <wb3aal@talon.net>
- 2) [15202] Re: Elmer 300: Hole Punch
by Arthur Moe <kb7ww@chatusa.com>
- 3) [15203] Re: Neophyte 40 M receiver
by haf47@juno.com
- 4) [15204] e-mail address for Dan's Small Parts
by k7sz@juno.com (Rick Arland)
- 5) [15205] Patcomm xcvr
by dave_epps@juno.com
- 6) [15206] Re: MFJ 9020 xcvr
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 7) [15207] Re: Patcomm xcvr
by "Brian K. Short" <bshort@speedchoice.com>
- 8) [15208] Smoked My Sierra ...Help...!
by DENNISMO@aol.com
- 9) [15209] SIMPLE ANTENNA NITE
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 10) [15210] QRP good will...
by Mighty Mik <mitymik@hooked.net>
- 11) [15211] FS: OHR Explorer II for 40M
by "Craig LaBarge" <labarge@hotmail.com>
- 12) [15212] Re: Smoked My Sierra ...Help...!
by DENNISMO@aol.com
- 13) [15213] Re: MFJ 9020 xcvr
by RangerSF5@aol.com
- 14) [15214] OHR Explorer II or NC40A
by "Keith W. Martin" <martins@ccosmo.net>
- 15) [15215] autopatch freq in the L.A. area
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 16) [15216] Re: magnetic loop antennas and QRP
by Steve Yates <aa5tb@swbell.net>
- 17) [15217] Clever 10M wire antennas for AM...
by Conrad <radman@best.com>
- 18) [15218] 38 SPECIAL MOD ?? cutting traces
by "GREGORY HEATH" <KB2QQM@email.msn.com>
- 19) [15219] Re: SIMPLE ANTENNA NITE

- by David Fouchey <dafouche@jax-inter.net>
- 20) [15220] Re: 38 SPECIAL MOD ?? cutting traces
by Paul Harden <pharden@aoc.nrao.edu>
- 21) [15221] NorCal 40a oscillation
by KC7MES@aol.com
- 22) [15222] Fwd: HW-7 kit wanted
by Scott Bauer <ke3nv@erols.com>
- 23) [15223] Re: joining open wire feed line?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 24) [15224] QRP'er Needs New Rig
by "Adams, Mark" <madams@facilities.buffalo.edu>
- 25) [15225] GEOMAGNETIC STORM WARNING 16JUL
by Paul Harden <pharden@aoc.nrao.edu>
- 26) [15226] QSL Cards?
by nhoop@centuryinter.net (Nat H)
- 27) [15227] Re: SIMPLE ANTENNA NITE
by ARDUJENSKI@aol.com
- 28) [15228] Re: SIMPLE ANTENNA NITE
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 29) [15229] Re: AC6V Noiseless Feedback Amplifier
by Zack Lau <zlau@arrl.org>
- 30) [15230] Death of a "funny fed" half square
by jdenison@morelr.com (JOEL DENISON)
- 31) [15231] Re: AC6V Noiseless Feedback Amplifier
by Chris Trask <ctrask@primenet.com>
- 32) [15232] Help for Ham with Rotor Problem
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 33) [15233] Re: AC6V Noiseless Feedback Amplifier
by Zack Lau <zlau@arrl.org>
- 34) [15234] 11-2-10 project, update2
by Steven Weber <kd1jv@moose.ncia.net>
- 35) [15235] looking for info on
by Scott Howell <whowell@hq.nasa.gov>
- 36) [15236] Greenlee punches
by Tellefsen Bob-CNSE97 <cns97@lmpsilo2.comm.mot.com>
- 37) [15237] Re: QSL Cards?
by Ron Keener <rkeener@realtime.net>
- 38) [15238] Using a Mechanical Bug (not just QRP)
by Barry Keating <barry.p.keating.1@nd.edu>
- 39) [15239] QRP/MM success!
by Jim <kj5tf@madisoncounty.net>
- 40) [15240] Re: Using a Mechanical Bug (not just QRP)
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
- 41) [15241] Antenna/wire advice for portable operation?
by Mike Parkes <ab7ru@yahoo.com>
- 42) [15242] HW-9
by tom whalen <whalen@swcp.com>
- 43) [15243] Was there an FCC announcement?

by "David Maliniak" <dmaliniak@penton.com>
44) [15244] SW-20+
by dave_epps@juno.com
45) [15245] Re: Antenna/wire advice for portable operation?
by W7LS <w7ls@blarg.net>
46) [15246] Re: HW-9
by W7LS <w7ls@blarg.net>
47) [15247] possible INRAD 9 MHz filters for Ten Tec rigs
by Clark Savage Turner WA3JPG <turner@safety.ics.uci.edu>
48) [15248] Indianapolis Hamfest - More Pictures
by Jim Osburn <wd9eyb@butler.indiana.net>
49) [15249] HW-9 info
by tom whalen <whalen@swcp.com>
50) [15250] RE: Was there an FCC announcement?
by Scott Howell <showell@hq.nasa.gov>
51) [15251] Re: Using a Mechanical Bug (not just QRP)
by Ed <edn4pk@voyageronline.net>
52) [15252] Re: Using a Mechanical Bug (not just QRP)
by David Fouchey <dafouche@jax-inter.net>
53) [15253] RE: Was there an FCC announcement?
by David Fouchey <dafouche@jax-inter.net>
54) [15254] Re: Using a Mechanical Bug (not just QRP)
by David Fouchey <dafouche@jax-inter.net>
55) [15255] Re: Using a Mechanical Bug (not just QRP)
by Bruce Muscolino <w6toy@erols.com>
56) [15256] TURN IT UPSIDED DOWN
by ARDUJENSKI@aol.com
57) [15257] Dan's Small Parts
by k7sz@juno.com (Rick Arland)
58) [15258] Elmer 300 Info Summary
by "Glen Torr" <glentorr@ozemail.com.au>
59) [15259] Re: rec.radio.amateur.????
by "John J. McDonough" <jjmcd@tm.net>
60) [15260] RE: Was there an FCC announcement?
by "David Maliniak" <dmaliniak@penton.com>
61) [15261] Re: Using a Mechanical Bug (not just QRP)
by "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
62) [15262] Re: Using a Mechanical Bug (not just QRP)
by Ed <edn4pk@voyageronline.net>
63) [15263] Re: Using a Mechanical Bug (not just QRP)
by Ed <edn4pk@voyageronline.net>
64) [15264] Re: Using a Mechanical Bug (not just QRP)
by Ed <edn4pk@voyageronline.net>
65) [15265] Re: TURN IT UPSIDED DOWN
by "George T. Baker" <w5yr@swbell.net>
66) [15266] Re: Using a Mechanical Bug (not just QRP)
by Monte Stark <ku7y@dri.edu>
67) [15267] Re: Using a Mechanical Bug (not just QRP)

by "George T. Baker" <w5yr@swbell.net>
68) [15268] Re: QSL Cards?
by nhoop@centuryinter.net (Nat H)

Date: Wed, 15 Jul 1998 19:18:31 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [15201] Sources for Tektronix manuals
Message-ID: <00d101bdb046\$e46d2780\$185445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I received this information from Tektronix if you are
looking for a manual for an old Tektronix Scope.

>You could try some of the following companies that sell used >manuals to
>see if you can purchase a manual from them.

>

>Nancy Micheals

>Parts Research

>Tektronix

>

>Tektronix Used Manual Sources:

>1. Deane Kidd 27270 SW Ladd Hill Road Sherwood, OR 97140, >503 625-7363
>(also has some parts)

>2. Ed Matsuda, P.O. Box 390613, San Diego, CA 92149, 619
>479-0225 voice, 619 479-1670 fax

>3. Manual Merchant: Linda Perkins, PO Box 927792 San Diego CA >92192,
619-642-0785, -0885 fax, linda_p@ix.netcom.com

>4. W7FG Vintage Manuals, 3300 Wayside Dr., Bartlesville, OK >74006,
800-807-6146

>5. Manuals Plus, P.O. Box 549, TAD #601, Tooele, Utah 84074,
>(801) 882-7188, (801) 882-7195 Fax

Good luck!
73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
http://www.kpsnet.com/wb3aal/Start_Page.htm
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380
Bumblebee #84

Date: Wed, 15 Jul 1998 23:19:02 -0700
From: Arthur Moe <kb7ww@chatusa.com>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15202] Re: Elmer 300: Hole Punch
Message-ID: <35AD9B56.F5C64E6F@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I believe that one can get a better deal at Harbor Freight. Check it
out.

No, I don't have any financial interest in them.

Art
KB7WW

Bruce Muscolino wrote:

>
> As I said earlier, I had an "industrial strength" hole punch on order from a
> hobby tool company up in New Jersey. The box calls it a "Power Punch Kit".
> The rest of the box copy reads:
>
> - complete with 7 sets of
> punches and dies,
> - punches and dies hardened
> to C50-52,

> - size: 3/32, 1/8, 3/16,
 > 7/32, 1/4, and 9/32,
 > - will punch up to 16 guage
 > steel.
 >
 > It's big and hefty, and comes with its own plastic carrying case. It seems
 > completely up to the task of punching holes in PC board stock, even the
 > tough glass-epoxy type. I punched a hole in a piece of phenolic circuit
 > board stock I had laying around and it yielded a perfectly round 9/32 inch
 > diameter piece of PC board with a very light dimple in the center. I'd say
 > it'll work well for the Elmer project and any other hole punching you need done!
 >
 > The details.
 >
 > I ordered it from:
 >
 > Micr
 > o-Mark 340
 > Snyder Avenue Berk
 > ley Heights, NJ 07922-1595
 >
 > Their stock number is #81530 and the price is normally \$39.95. I bought it
 > on sale (the sale is still running) for \$24.95 and I think I got a good
 > deal. They have a toll free order line at 1-800-225-1066. Their web site
 > is <www.micromark.com>. Their catalog is filled with tools for model makers
 > and many of them do have application to electronics.
 >
 > 73

 Date: Wed, 15 Jul 1998 19:17:55 -0400
 From: haf47@juno.com
 To: hk4bmg@epm.net.co
 Cc: qrp-l@Lehigh.edu
 Subject: [15203] Re: Neophyte 40 M receiver
 Message-ID: <19980715.211321.3374.0.haf47@juno.com>

Hello Juan,

I think the Neophyte would make a fine first project with a minimum amount of supervision.

This receiver first appeared in February 1988 QST, and also in QRP Classics from the ARRL.

A printed circuit board is available from FAR circuits, and a complete kit is available from Dan's small parts, both of these websites can be found linked from the NorCal website.

If you would like a copy of the schematic and if your internet provider supports attachments, I would be glad to send one to you.

73, Howie

WA2AFD
haf47@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 15 Jul 1998 21:34:16 EDT
From: k7sz@juno.com (Rick Arland)
To: qrp-1@Lehigh.EDU
Subject: [15204] e-mail address for Dan's Small Parts
Message-ID: <19980717.015145.6799.11.k7sz@juno.com>

Hi Gang:

I do not have an ISP, only Juno e-mail, therefore I cannot curise the www to find Dan's Small Parts web page and snag his e-mail address.

Does anyone have his e-mail address? If so, pls QSP it to me via private e-mail so I can find out if he has any 1N5711 Schottkeys and some 1N5719 PINs for an Argosy-II mod.

73 rich K7SZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 15 Jul 1998 18:41:17 -0700
From: dave_epps@juno.com

To: qrp-1@Lehigh.EDU
Subject: [15205] Patcomm xcvr
Message-ID: <19980715.184118.9854.2.dave_epps@juno.com>

Has anyone operated the patcomm 16000?
The new 9000 looks very interesting to me.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 15 Jul 1998 21:48:35 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15206] Re: MFJ 9020 xcvr
Message-ID: <35AD5BF1.8440A8D6@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All of the mods Paul speaks of were made in one fell swoop.

If your rig has a detent in the RIT control, it is one of the newer models. If there is no detent, it is an older version.

Date: Thu, 16 Jul 1998 02:22:18 +0000
From: "Brian K. Short" <bshort@speedchoice.com>
To: dave_epps@juno.com, qrp-1@Lehigh.EDU
Subject: [15207] Re: Patcomm xcvr
Message-ID: <199807160214.TAA25468@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There is a PatComm mailing list (patcomm@qth.net)
at Qth.Net. Please see: <http://www.qth.net>

Or,

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe patcomm

73, Brian

>Has anyone operated the patcomm 16000?
>The new 9000 looks very interesting to me.
> dave ab5pc fresno, ca.
>
>
>-----
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at <http://www.juno.com>
>Or call Juno at (800) 654-JUNO [654-5866]
>
--
"Nostalgia is a thing of the past."
--
Brian Short k7on@qsl.net <http://www.qsl.net/k7on>
(602)839-3484 1994 E Laguna Dr Tempe, Az 85282
--

Date: Wed, 15 Jul 1998 22:14:33 EDT
From: DENNISMO@aol.com
To: qrp-l@Lehigh.EDU
Subject: [15208] Smoked My Sierra ...Help...!
Message-ID: <9e41555f.35ad620b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang...

Well, I new one for the books... my books anyway. I smoked a transistor in my rig. I had just finished aligning a new 15M module plugged into my Sierra and had disconnect the power supply. I decided to measure the voltage from my power supply before actually putting the rig on the air and seeing how the 15M modules performed when the transistor mounted just behind the SPD+ button on the KC2 began to glow red and popped! No power to the unit for a good 1.5 to 2 minutes. Maybe more. It appears that all other components are okay visually - can't tell functionally. The unit now outputs steady tone and the freq. counter seems to work okay.

Any suggestions? Should I try to just replace the one transistor and see if it works?

I am way out of my league here. Any help here will be very much appreciated.

Thank for your help..(:8^<)

72 Denny / AD6EZ <><

Promise Keeper

HAMing It Up Everyday In Goleta, CA

FISTS #4570 /QRP-L #1359 /10-X #69158 /ARCI #9637 /Six Club #242 /sCQs #44

Date: Wed, 15 Jul 1998 22:18:03 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: "INTERNET:ARDUJENSKI@aol.com" <ARDUJENSKI@aol.com>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.EDU>

Subject: [15209] SIMPLE ANTENNA NITE

Message-ID: <199807152219_MC2-5337-233@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

Alan:

Well tonight started out with a bang, I thought. Worked four guys right away. Then NADA....ZILCH :-(. Could hear two of the guys I had worked nearrby, busily calling CQ VVV. Don't know if they got anyone or not. But after calling CQ VVV with no takers for 30 straight minutes decided it was a lost cause for tonight.

Lots of QRM on-frequency, including SSB and at least one QRO QSO on 7042.2 on my OHR-100A.

So it was a mixed bag. Hope for better condition next week. See everyone Sunday, I hope.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.

MWBC

519-16th Street SE

Rochester, MN 55904

507/289-5108 (eves)

Date: Sat, 04 Jul 1998 19:49:39 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.edu>
Subject: [15210] QRP good will...
Message-ID: <359EE9C3.88B77E7A@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The post office must be getting sloppy. Some of you may remember i had some problem getting parts a few weeks ago. After some snail mail exchanges, Dan's small parts came thru, problem resolved. He did get another order from me.

Thancks to Dan.

Date: Wed, 15 Jul 1998 20:01:45 PDT
From: "Craig LaBarge" <labarge@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [15211] FS: OHR Explorer II for 40M
Message-ID: <19980716030145.15232.qmail@hotmail.com>
Content-Type: text/plain

For Sale: Oak Hills Research Explorer II for 40 meters. Excellent condition. Cosmetically near-perfect. Includes manual and DC power cable.

The only mod is the "C62" replacement mod which simplifies alignment. (This mod was included by OHR in later runs.) Documentation on the mod included.

\$80.00 shipped.

Too many radios, so something has to go!

73, Craig WB3GCK

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 15 Jul 1998 23:12:20 EDT
From: DENNISMO@aol.com
To: qrp-1@Lehigh.EDU
Subject: [15212] Re: Smoked My Sierra ...Help...!
Message-ID: <3ba17ca2.35ad6f95@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Again -

I tested the 4 KC2 buttons and the "SPD -" button doesn't seem to close when pressed. I had noticed that in order to slow the keyer rate or to put activate the watt meter by pushing both right side buttons - that I had to press extra hard on the SPD- button. I don't know how this could have had anything to do with the problem; maybe it's condition is due the problem and not the cause. When I tested the the 4 buttons I noticed that one side of each is to Ground and the other side has about 3.8 ohms when measured to ground. Hope this information gives you enough to help figure out what when wrong and how to fix it.

Thanks again....

72 Denny / AD6EZ <><
Promise Keeper
HAMing It Up Everyday In Goleta, CA
FISTS #4570 /QRP-L #1359 /10-X #69158 /ARCI #9637 /Six Club #242 /sCQs #44

Date: Wed, 15 Jul 1998 23:19:34 EDT
From: RangerSF5@aol.com
To: henryf@quartz.gly.fsu.edu, qrp-1@Lehigh.edu
Subject: [15213] Re: MFJ 9020 xcvr
Message-ID: <b3e41005.35ad7147@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-07-15 21:51:41 EDT, you write:

If your rig has a detent in the RIT control, it is one of the newer models. If there is no detent, it is an older version.

Henry,

This is not true!

I have installed the this type of *RIT* in all my MFJ rigs and all of them are the older version,except for the 30 CW and 20 SSB.

Also for some reason,maybe to make the rig look more impressive,MFJ was installing the detent *RIT* in the 40 meter rigs appx. 5 years ago.

This is not intended to be a flame against you.

I just thought I should post it since there so many hams that know little about the MFJ rigs.

No one seems to want to play with the MFJ mods and thanks to Paul,(NA5N), The MFJ owners are starting to come out of the dark.

Also Pauls' book,DATA BOOK FOR HOMEBREWERS AND QRPers has some mighty good info for the MFJ and other qrp related items.

It's worth it's weight in gold.

I hate to see someone go out and buy a rig with an detent *RIT*,thinking they are getting the newer version.

Bob

WA2HQQ

MFJ ZOMBIE

Date: Wed, 15 Jul 1998 20:31:54 -0700

From: "Keith W. Martin" <martins@ccosmo.net>

To: qrp-l@Lehigh.edu

Subject: [15214] OHR Explorer II or NC40A

Message-ID: <199807152031540380.007B5F2B@ccosmo.net>

QST!

Help! I am about to buy my first qrp rig. What is a better rig.....

The OHR Explorer II or the NC40A. Both of 40 meter rigs.

Thanks!!!

Keith

KA6ASJ

Date: Wed, 15 Jul 1998 20:39:13 -0700

From: Chuck and Michele Snyder <csnyder@nextdim.com>

To: QRP <qrp-l@Lehigh.EDU>

Subject: [15215] autopatch freq in the L.A. area

Message-ID: <35AD75E1.FC7EDDE@nextdim.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Sorry for the short notice, but can anybody provide me with any local frequencies in the L.A. area. Autopatch freq. would be very nice with tone freq. requirements. I need this info ASAP because I am headed down that way in approximately a couple of hours from Spokane, Wa. Thank you all.

Chuck ;-) (KD7BBF)

Date: Wed, 15 Jul 1998 23:12:38 -0500
From: Steve Yates <aa5tb@swbell.net>
To: ag97@sendero.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15216] Re: magnetic loop antennas and QRP
Message-ID: <35AD7DB6.80576DE6@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael,

I have experimented with the design and operation of small loop antennas for many years and you are correct on your understanding. For 80 meter operation you will have to pay very close attention to construction details to keep efficiency reasonable which will result in the bandwidth being very narrow (maybe too narrow on that band). Your biggest problem on 80 meters will be the construction of a suitable capacitor. I think you will be very pleased overall if the antenna is constructed properly and you understand its limitations.

I have a small program that I wrote that I can send if you like that can give you all of the electrical specifications for a given set of design parameters. I have found it to be very useful for finding an optimum size loop for a given situation and the results correspond nicely with measured data. You can even input estimated resistive losses and see how it effects performance.

One thing to note is that given the antenna's near hemispherical pattern

even when located close to the ground (vertical orientation assumed), the performance may even out perform a full size dipole that can't be placed at an optimum height. You are unlikely to ever approach the efficiency of a full size dipole but you may put more RF at the angle of interest.

You may also want to check out the following Web sites:

<http://ourworld.compuserve.com/homepages/csl/magloop.htm>
<http://www.homeusers.prestel.co.uk/g3ycc/rigs1.htm>

Some of the government antenna suppliers have some good information as well but I don't have the URLs at this time.

I will also note that even if the efficiency is relatively poor it can still be a useable antenna. I have at one time made many quality 30 meter QSOs at QRP levels using a 2.5 foot diameter loop with relatively poor efficiency (copper tubing was only bolted together). Good luck and have fun.

73,
Steve Yates
AA5TB
Fort Worth

Date: Wed, 15 Jul 1998 21:41:28 -0700
From: Conrad <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [15217] Clever 10M wire antennas for AM...
Message-ID: <01BDB039.53745800.radman@best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang,

Need a simple, effective antenna for that CB to 10M conversion rig AND your 40M QRP monobander? Here's some interesting reading on wire antenna for 10-40 Meters:
"Simple Antennas for Ten Meters" by Steve Ickes, WB3HUZ.

<http://www.thebizlink.com/am/tech/htm/tenmant/tenmant.htm>

and, for AM fanatics: URL:
<http://www.thebizlink.com/am/amers.htm>

Enjoy,

72 - Conrad Weiss - NN6CW

Date: Thu, 16 Jul 1998 01:18:27 -0400
From: "GREGORY HEATH" <KB2QQM@email.msn.com>
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.EDU>
Subject: [15218] 38 SPECIAL MOD ?? cutting traces
Message-ID: <0f2595022051078UPIMSSMTPUSR06@email.msn.com>

I just started building the 38S, and just found on the internet, the mod page, where it states I have to cut a trace between C32 and R17, and then connect it to the right side of R19. for the tick mod.....I am baffled. My revision page is 1.01 and dated 01-02-97. Is this mod necessary, or not? Has everyone done this but me? Do I need to butcher the board to get it to work. I am following the consolidated construction manual and it says nothing about cutting any traces. I installed the tick mod and the 5 watt mod. I am so confused. any help would be appreciated. Greg. kb2qqm.

Date: Thu, 16 Jul 1998 01:49:17 -0400
From: David Fouchey <dafouche@jax-inter.net>
To: 70511.3041@compuserve.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [15219] Re: SIMPLE ANTENNA NITE
Message-ID: <3.0.1.32.19980716014917.007b7dc0@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

40 wa completely wiped her, thunderstorms all around us and a horrible buzzing signal between 7030-7060 that wiped out EVERYTHING, sounded like a neon sign going down the tubes since it was also scattered up and down the whole band...as well as on 20....very disapointing.

Dave
WA4EMR

At 10:18 PM 7/15/98 -0400, Wilford D. Lindsey wrote:

>Alan:
>
>Well tonight started out with a bang, I thought. Worked four guys right
>away. Then NADA....ZILCH :-(. Could hear two of the guys I had worked
>nearrby, busily calling CQ VVV. Don't know if they got anyone or not.
>But after calling CQ VVV with no takers for 30 straight minutes decided
>it was a lost cause for tonight.
>
>Lots of QRM on-frequency, including SSB and at least one QRO QSO on
>7042.2 on my OHR-100A.
>
>So it was a mixed bag. Hope for better condition next week. See everyone
>Sunday, I hope.
>
>72/73,
>--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
> MWBC
> 519-16th Street SE
> Rochester, MN 55904
> 507/289-5108 (eves)
>
>
>
>

Date: Wed, 15 Jul 1998 23:49:14 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: GREGORY HEATH <KB2QQM@email.msn.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15220] Re: 38 SPECIAL MOD ?? cutting traces
Message-ID: <Pine.SOL.3.91.980715234101.18158H-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 16 Jul 1998, GREGORY HEATH wrote:
> I just started building the 38S, and just found on the internet, the mod
> page, where it states I have to cut a trace between C32 and R17, and then
> connect it to the right side of R19. for the tick mod.....I am baffled.
snip
> I am so confused. any help would be appreciated. Greg. kb2qqm.

The TiCK keyer IC generates it's own sidetone, which is used for both
setting the modes, and for monitoring your transmit keying. Thus,
the TiCK mod disables the 38-S on-board sidetone oscillator so you

don't hear BOTH sidetones. Cutting the trace between R17 and C32 is what disconnects the audio from the on-board sidetone oscillator (generated by U4H and U4G).

Audio from the sidetone (whether on-board or via the TiCK keyer) is inserted into the audio chain by C32, while audio from the receiver comes through C15. If your 38-S "thumps" on transmit, you might want to make C15 a much smaller value than the existing 22uF ... like even a 0.1uF, to couple the audio power with a much faster time constant.

GL, Paul NA5N

Date: Thu, 16 Jul 1998 02:05:49 EDT
From: KC7MES@aol.com
To: qrp-1@Lehigh.EDU
Subject: [15221] NorCal 40a oscillation
Message-ID: <d4d7d2c6.35ad983e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I built my NorCal 40a yesterday, and when I turned it on I kept getting a extremely loud, high pitched oscillation. It pulses about 1 pulse a second. What would cause this? Thanks,

Rob

Date: Thu, 16 Jul 1998 02:09:08 -0400
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [15222] Fwd: HW-7 kit wanted
Message-ID: <199807160608.CAA07270@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
> Hello Group,
>
> I am looking for an unbuilt Heath Kit HW-7.
> I will pay a decent price for the unbuilt kit if it is complete
> and in good condition. Please remember that I am not

>a collector of unbuilt kits and have no plans on re-selling
>the kit. I plan to build the kit and enjoy using it on a daily
>basis. I have been lucky enough to build an HW-8 recently
>and would love to have the HW-7 as well.
> If anyone might have one to sell, please email me directly
>and we will work out the details.
>
> Thank you very much, Scott w3cv

Date: Thu, 16 Jul 1998 10:22:49 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [15223] Re: joining open wire feed line?
Message-ID: <35ADAA49.69F3@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thanks to all respondents on the above subject.

Apart from other advice related to the subject, the suggestions I recieved about joining open wire lines range from (1) using wire nuts - which I haven't seen in decades, btw - to (2) making two staggered soldered joints in each wire by overlapping the wires a little way, wrapping the ends tightly, soldering the wraps and shrinking some hot melt glue tubing over the whole. (I hope the description is worded clear enough.)

In the circumstances - no wire nuts in the vicinity and my open line will be dangling free in the air - I think I ought to favour the latter method which should also make for a visually attractive solution.

I think I've seen hot melt glue heat shrink tubing (name?) in an electronics shop here in Helsinki.

The glue is forced into the wire between the strands by the shrinking tubing and protects the soldered joint from the weather. I expect the tubing to also protect the wire from breaking at the point where the flexible stranded wire and the hard (soldered) joint meet.

thanks again for the support,
73, oh2zaz

--
Arjen Raateland

Finnish Environment Institute
SAS Support
phone +358 9 4030 0457

Date: Wed, 15 Jul 1998 11:36:57 -0400
From: "Adams, Mark" <madams@facilities.buffalo.edu>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [15224] QRP'er Needs New Rig
Message-ID: <199807160731.DAA16748@nss4.cc.Lehigh.EDU>

Hi Gang,

My friend Dave, AA2PF, is looking for a new rig. He is considering a Heath HW-9 in top-notch condition at an honest price. If you have one to part with please contact him directly at:

daj73s@aol.com

or by phone at home at 716-726-7740. Please do not contact me as I am only the messenger.

Mark S. Adams
Facilities Engineer/Mechanical
119 John Beane Center
Buffalo, NY 14260-7300
716-645-6844 Fax 716-645-5923

Date: Thu, 16 Jul 1998 01:33:27 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Cc: GQRP-L List <gqrp-l@blacksheep.org>
Subject: [15225] GEOMAGNETIC STORM WARNING 16JUL
Message-ID: <Pine.SOL.3.91.980716011517.29455A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There was a fairly large class M solar flare on tuesday, 14 July. It was not known if this flare also produced a Coronal Mass Ejection (CME) due to the unfortunate loss of the SOHO satellite. A CME can fling gobs of solar material and particles into space, Earthward bound.

The shockwave from this solar flare struck the Earth's magnetic field around 0630UTC on 16 July ... confirming that this flare was accompanied by a significant CME event. The direction and intensity of this arriving shock wave is sufficient to cause MAJOR GEOMAGNETIC STORMING over the next two days (16-17 July).

A MAJOR TO SEVERE GEOMAGNETIC STORM ALERT has been issued by NOAA. Periods of SEVERE storming may occur in latitudes above 45 degrees N, and MAJOR storming in middle latitudes. Auroral activity may be associated with this event.

Due to the loss of the SOHO satellite, the severity of this geomagnetic storm can not be forecasted with the usual level of accuracy, so it could be worse, or less severe than the alert suggests. Ground based instruments must be used, which of course offer little predictive data.

I'll check the incoming data at the observatory tomorrow and post any changes that may be significant.

It doesn't mean don't operate ... just be aware of what is happening in case the HF bands are dead.

72, Paul NA5N
National Radio Astronomy Observatory
(well, actually in the back bedroom at home at the moment!)

Date: Thu, 16 Jul 1998 12:07:31 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15226] QSL Cards?
Message-ID: <35b2ece4.3371478@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Where's a good place to get QSL cards made?

73 Nat KM5QU Oxford AR

Date: Thu, 16 Jul 1998 08:48:16 EDT
From: ARDUJENSKI@aol.com
To: 70511.3041@compuserve.com, qrp-l@Lehigh.EDU
Subject: [15227] Re: SIMPLE ANTENNA NITE
Message-ID: <e8dba25c.35adf691@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Well folks it was truly interesting. From where I am located in the Pacific Northwest I was able to pull out about 33 stations calling CQ VVV, including Doc K0EVZ. I made a few calls with no response so decided to monitor and see where the signals were located. Lots of 7's tonite and several 0's, 4's, 5's, and 6's.

The storms and noise level in the Mid west explains the lack of contacts but let me assure you from here it sounded like FIELD DAY. It was really encouraging. There appears that there were quite a few contacts made so if we can hear from the rest of the participants. KD7AEE was really banging out the signal here along with WA6FUH (Ward). Nice job! Alan KB7MBI
PS DON'T FORGET RESTRICTED ANTENNA NITE ON THE LAST WED OF THE MONTH

Date: Thu, 16 Jul 1998 09:27:40 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:ARDUJENSKI@aol.com" <ARDUJENSKI@aol.com>
Cc: "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [15228] Re: SIMPLE ANTENNA NITE
Message-ID: <199807160929_MC2-5344-DB0E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Alan:

Boy sure wish I had heard them. The QRM was rough, mostly SSB. Still seems strange that it started off so fast and then just stopped. Even turned on the Omni VI+ as a monitor receiver to double-check....but never heard anyone else :-(.

COULD always hear two guys (WD4MSM and KD7AEE) already in the log. The other QSO's were with WB9HFK and K8IQY.

Anyway, will definitely be there for the next one. Let's go for it!

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Thu, 16 Jul 1998 10:05:25 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [15229] Re: AC6V Noiseless Feedback Amplifier
Message-ID: <35AE08A5.A3D@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found it difficult to get a great NF (around 1 dB) without sacrificing intercept point. Seemed like you needed to double the NF to start getting really good intercept points.--Zack W1VT

Date: Thu, 16 Jul 1998 09:03:34 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [15230] Death of a "funny fed" half square
Message-ID: <199807161403.JAA09394@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang:

well, I wiggled and jiggled the thing... I went into the heat and resoldered, restrung, reworked the thing...

Found out it makes a good 80mtr dipole and a good 20mtr colinear dipole... with one feed point... but no joy on forty... Forty has been an unsuccessful courtship over the years... never has liked me much... stubborn little band for me...

so the 'funny fed" is now just a coax fed half square... simple enough, works fine... If there be a way to center feed the silly thing,,, it be a secret to me...

I did finally get some phasing principles straight, for now at least... win some and lose some... Think I will go fly by rc sailplane today... it has always been a friendly little plane... controls easy, flys great...
bye now
joel

God Bless
Joel

WA5CVM

Joel Denison Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542 DIPOLE on 40mtr
Strong, Maine 04983 QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com Use strong nets guys, the crawfish are big over here

Date: Thu, 16 Jul 1998 07:31:58 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Zack Lau <zlau@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15231] Re: AC6V Noiseless Feedback Amplifier
Message-ID: <Pine.BSI.3.96.980716072906.2917A-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 16 Jul 1998, Zack Lau wrote:

> I found it difficult to get a great NF (around 1 dB)
> without sacrificing intercept point. Seemed like you
> needed to double the NF to start getting really good
> intercept points.--Zack W1VT
>

This is normal. Most bipolar devices have their best NF at a low to moderate bias point. The best bias point for hfe linearity is usually at a point where Ic is 2/3rds that where the ft peaks. Best NF is usually even lower than this.

,-----.
/ What's all this \
/ extinct stuff, anyhow? /
\ -----'

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY

Date: Thu, 16 Jul 1998 11:48:35 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [15233] Re: AC6V Noiseless Feedback Amplifier
Message-ID: <35AE20D3.63@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've also seen a tradeoff between resistive loading for better IMD and noise figure.--Zack W1VT

Date: Thu, 16 Jul 1998 10:56:05
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [15234] 11-2-10 project, update2
Message-ID: <3.0.3.16.19980716105605.21970f60@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy perspective qrp AM'ers!

Well, we're making progress. The conversion daughter board is up and running. Displays are lighted, push button tuning works, PLL locks onto the right frequencies.

I had some trouble with display multiplexing whine in the audio, but that is now under control. A few minor changes knocked it down from S9 to just hear it in the noise.

At the moment, I have it tuning in 10 Khz steps, 29.0 to 29.5 Mhz. It would be possible to make it tune in 5 Khz steps, but the two digit display works great for 10 Khz steps as is and there might be other ramifications if we tried to do 5 Khz steps. So, for now, I'm leaving well enough alone and sticking to 10 Khz steps. Hey, that's 50 channels, man!

I have the tuning buttons set up so the display/frequency rolls over when you hit the upper/lower freq limit. i.e., you go from 50 to 00 or 00 to 50.

Holding down the tuning button for a second makes the frequency auto-increment at about 2 steps a second.

The final board layout WILL use a SMT IC. I'll be using a S016 version of the PLL. Couple of reasons for this. One, the board layout is cleaner if the PLL mounts on the solder side, it greatly reduces the board size and this is package type Newark has in stock!

Not to worry. the S016 package is small but not tiny. Lead spacing is 50 mils, half that of a normal dip and is easy enough to handle and solder.

All the slug tuned coils retuned to the proper freq, no problem. They are almost all the way out of the can, but do peak. The only problem I have now is in the Tx portion. Apparently there is insufficient signal from the band pass filter to drive the Tx driver transistor. Hopefully, it just needs a little component value tweaking. Know more about this in a day or two. For now, today I have to do some paying work to make sure the lights stay on :-)

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 16 Jul 1998 12:21:09 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@Lehigh.EDU
Subject: [15235] looking for info on
Message-ID: <3.0.5.32.19980716122109.007e5900@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was having a conversation with a non-Ham person about Morse Code and the devices used to send it. I was trying to explain about the (please excuse spelling cause I don't know) Katona paddles. They were interested in what they looked like so is anyone aware of a web site that might contain info or how one could get hold of the gent that makes them? Maybe he's got a picture or something I could show them.
tia es 72 de n3byy

Date: Thu, 16 Jul 1998 11:34:17 -0500

From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [15236] Greenlee punches
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C9380E2@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

I still have my pair of punches, used for 7-pin and 9-pin miniature tube sockets.

It so happens that the 9-pin (or is it the 7_pin) punch makes perfect chassis holes for S0239 coax receptacles.
73, Bob N6WG

Date: Thu, 16 Jul 1998 16:54:12 +0000
From: Ron Keener <rkeener@realtime.net>
To: nhoop@centuryinter.net
Cc: qrp-l@Lehigh.EDU
Subject: [15237] Re: QSL Cards?
Message-ID: <35AE3034.ACC@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

try your own pc - makes for original cards that are unique and can be updated at any time - get post card stock at any office supply store

ron wa0ree

Date: Thu, 16 Jul 1998 11:52:01 -0500
From: Barry Keating <barry.p.keating.1@nd.edu>
To: qrp-l@Lehigh.EDU
Subject: [15238] Using a Mechanical Bug (not just QRP)
Message-ID: <v03007805b1d3dc5c025d@[129.74.86.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I know how strongly some of you feel about the use of bugs (mechanical bugs like the Vibroplex Original) on the air but...

I've always wanted to learn to use a mechanical bug; you have to admit that they are quite handsome pieces of machinery and they are a piece of radio's

heritage. There's a bit of mystery about using a bug. I just can't get it out of my system.

Now don't flame me off the list for mentioning bugs -- take pity on my affliction! I promise to practice off-the-air and not annoy you on the QRP frequencies.

With that said, could someone direct me to a description of how to "properly" use a bug? Perhaps there is at least a description of how different individuals use bugs.

Barry Keating
WD4MSM

Date: Thu, 16 Jul 1998 11:55:42 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [15239] QRP/MM success!
Message-ID: <35AE308D.1B50@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I figured out why I was able to get good SWR's on 80-30M but no good on 20M and up bands. What I'm doing for 80-30M since a radial would be too big to lay out on the boat is to toss a short wire into the water, useing the lake as my ground plane. The whole lake!

I was haveing trouble getting 20 and up to work. I figured the GP was too much. Maybe I was right!

Yesterday I was on Beaver lake Arkansas again, and ran the short radial along the side of my fiberglass boat. With my MFJ antenna tester I saw the short wire was resonant around 15mHz, so I added a longer wire to that wire and got sweet SWR's around 13mHz. So then I rolled up the wire from the end and got FB SWR's at 14.060 of 1.2 or better. To prove my point I dipped the rolled up end into the water and watched as the SWR's went up and wayyy into the RED!

Its no problem bending the one radial at the back of the boat in a L shape. The antenna, a 20M Hamstick was mounted up front.

As the XYL sunbathed, I did some band checking and heard G3KKQ in QSO near 14.029MHz and called him when they were done ..
He returned my call KJ5TF/MM go !! Hey, I think I found a good trick to get DX stns to come back to me! He have me a 459, but he was impressed with my 5w and Hamstick! WoW! What an EGO boost!

It was a great day on the lake, saw the sunset, did allot of swimming with the XYL and worked some DX with my QRP+ and 5w from a AA nicad pack! A very good day! I checked out 5 islands for the up-coming US/VE Islands contest in August. (Not IOTA)

de Jim KJ5TF/MM

Date: Thu, 16 Jul 1998 17:23:06 -0700
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [15240] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <35AE996A.6CFC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The "proper name" for the "bug" is a semiautomatic key. You will find a reprint from a U.S. Army manual on the subject of adjusting a semiautomatic key at the following URL which has been noted on the QRP-L in the dim, distant past.

` http://fohnix.metronet.com/~nmcewen/bug_adjust.html
I for one will be pleased to QSO with you bug to bug when you feel ready to get on the air with one. Good luck.

73, Harvey, N6MM.

Date: Thu, 16 Jul 1998 10:32:29 -0700 (PDT)
From: Mike Parkes <ab7ru@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [15241] Antenna/wire advice for portable operation?
Message-ID: <19980716173229.25929.rocketmail@send1b.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am looking for any advice for antenna wire to use for remote qrp operation in the field...

I seem to recall a thread here recently concerning a "teflon" coated antenna wire. Does anyone have any more info on this, or other wire suggestions?

Many thanks...

-Mike AB7RU

(Just about done with my Sierra and can't wait to take it backpacking!)

==

Michael Parkes AB7RU
26725 E Moffat Rd
Newman Lake, WA 99025

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 16 Jul 1998 09:32:38 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15242] HW-9
Message-ID: <35AE1D16.64@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPer's!

Wondering what the price range would be for a used HW-9 with all the Warc bands?

72, Tom WB5QYT

--

Enjoying QRP and QRP-L!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, HW-8, St.L tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

Home of the "spud gun antenna launcher"-Kite antennas- RR mobile

Date: Thu, 16 Jul 1998 13:39:16 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [15243] Was there an FCC announcement?
Message-ID: <85256643.006088CA.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Does anyone know about some kind of pronouncement from the FCC yesterday regarding relaxation of licensing standards? A co-worker/fellow ham (non-QRP'er) who is tight with people at CQ Magazine warned me early this week that something was coming. Then, this afternoon, I heard a couple of guys talking about something in this vein on a local repeater and they were hot under the collar. They made it sound as if the death knell for amateur radio as we know it has been rung. HF licenses are about to be handed out on the street, from what they were saying. I've searched the ARRL and FCC websites to no avail.

Information? Anyone?

David, N2SMH
Glen Rock, NJ

Date: Thu, 16 Jul 1998 10:13:44 -0700
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [15244] SW-20+
Message-ID: <19980716.104808.8902.0.dave_epps@juno.com>

Just completed Dave Benson's SW-20+ (20 mtr elmer rig).
I assembled it per instructions and it worked right off the bat. Easy align.

Tks Dave for another WINNER!
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 16 Jul 1998 10:51:50 -0700
From: W7LS <w7ls@blarg.net>
To: ab7ru@yahoo.com
Cc: qrp-1@Lehigh.EDU
Subject: [15245] Re: Antenna/wire advice for portable operation?
Message-ID: <35AE3DB6.38F2@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. There are several alternatives. The Wireman has good choices. He is on the web. Also, Fair Radio currently has some really, really nice antenna wire for sale. It is berillium copper stranded wire with some sort of coating over it. \$12.95 for a 306 foot spool. New wire. It is called 'tether wire' for balloon antennas. I have some. Great stuff.

GL/73 de Jim, W7LS

Mike Parkes wrote:

>
> I am looking for any advice for antenna wire to use for remote qrp
> operation in the field...
> I seem to recall a thread here recently concerning a "teflon" coated
> antenna wire. Does anyone have any more info on this, or other wire
> suggestions?
>
> Many thanks...
> -Mike AB7RU
> (Just about done with my Sierra and can't wait to take it backpacking!)
>
> ==
> Michael Parkes AB7RU
> 26725 E Moffat Rd
> Newman Lake, WA 99025
>
> -----
> DO YOU YAHOO!?
> Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 16 Jul 1998 10:53:24 -0700
From: W7LS <w7ls@blarg.net>
To: whalen@swcp.com
Cc: qrp-l@Lehigh.EDU
Subject: [15246] Re: HW-9
Message-ID: <35AE3E14.1657@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

tom whalen wrote:

>
> Hello QRPer's!
>
> Wondering what the price range would be for a used HW-9 with all the
> Warc bands?
>
> 72, Tom WB5QYT
> --
> Enjoying QRP and QRP-L!
> Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20
> IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, HW-8, St.L tuner
> Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396
> Home of the "spud gun antenna launcher"-Kite antennas- RR mobile

Hi, Tom,

\$140-\$350, depending on condition. Heath gear is made by all sorts of people with all sorts of skill levels. Hence, a wide spectrum of values.

73 de Jim, W7LS

Date: Thu, 16 Jul 1998 11:01:31 -0700
From: Clark Savage Turner WA3JPG <turner@safety.ics.uci.edu>
To: tentec@contesting.com
Cc: qrp-l@Lehigh.EDU
Subject: [15247] possible INRAD 9 MHz filters for Ten Tec rigs
Message-ID: <9807161101.aa27578@paris.ics.uci.edu>

Howdy -

I am gathering names of folks interested in INRAD designing

and building some (9 MHz IF) 400 Hz CW filters for the Ten Tec rigs. As I explained before, the 6.3 MHz filters INRAD introduced are quite good, and have better shape factors and lower loss. I am anxious to get a "matched pair" of 400 Hz filters for my OMNI VI, one in the 9 MHz position, one in the 6.3 MHz position where the better shape factors and lower loss will be magnified under rough conditions.

Also, those of you with OMNI-A or D (any series) or the Argosy can use these 9 MHz CW filters in your rigs for better performance.

I need a certain number of orders before George at INRAD can design and have these filters built. I have a couple guys interested, need a few more.

If you are interested in one of these, they will cost \$110, (\$20 more than the Ten Tec filters, plug in replacements). Please get in touch with me at the above email address. If you are in town (Irvine, Southern California) stop in for a demo of these fine filters. (I don't work for them, make no money from this deal, I just love fine line CW selectivity and better sensitivity from lower loss!)

Clark
WA3JPG

Date: Thu, 16 Jul 1998 14:29:16 +0500 (GMT-5)
From: Jim Osburn <wd9eyb@butler.indiana.net>
To: KB9RPD@aol.com (Ted), hartzler@abcs.com (Wayne), k9ere@hotmail.com (Gary), WTHI99C@prodigy.com (Jeff), carpentt@citrine.indstate.edu (Todd), n9ta@bluemarble.net (Fred), n9dd@aol.com (Tom), allandavis@mindspring.com (Allan), w9ya@amsat.org (Bob), weber@accenttech.com (Rick),
Cc: wvara@butler.indiana.net (WVARA), qrp-1@Lehigh.EDU
Subject: [15248] Indianapolis Hamfest - More Pictures
Message-ID: <199807160929.0AA22084@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Here's a link to more pictures from the Indiana QRP Club table at the Indianapolis Hamfest.

<http://www.qrp.com/~wd9eyb/inqrp/Indy98Pics.htm>

Rick, copy whatever you need to the Indiana QRP Club page.

Gary, put whatever you need in the WVARA Bandsread.
There are WVARA members in these pictures.

Jim, WD9EYB
wd9eyb@qrp.com

Date: Thu, 16 Jul 1998 11:28:13 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15249] HW-9 info
Message-ID: <35AE382D.7A51@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all the responses on the HW-9 value...Looks like about 150-350
bux..72, Tom

--
Enjoying QRP and QRP-L!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, HW-8, St.L tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

Home of the "spud gun antenna launcher"-Kite antennas- RR mobile

Date: Thu, 16 Jul 1998 15:55:46 -0400
From: Scott Howell <showell@hq.nasa.gov>
To: qrp-l@Lehigh.EDU
Subject: [15250] RE: Was there an FCC announcement?
Message-ID: <3.0.5.32.19980716155546.007fdea0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ay, thought to check into this and here's what came back.

>Date: Thu, 16 Jul 1998 16:27:00 -0400

>From: "Lindquist, Rick, N1RL" <elindquist@arrl.org>
>Subject: RE: Was there an FCC announcement?
>To: Scott Howell <whowell@hq.nasa.gov>
>Cc: "Ford, Steve, WB8IMY" <sford@arrl.org>,
> "'David Maliniak'" <dmaliniak@penton.com>
>X-Mailer: Worldtalk (NetConnex V4.00a)/MIME
>
>
>Gentlemen:
>
>We do know (as you have heard elsewhere) that the FCC is in the process of
>completing its biennial review of all rules, including Part 97. So far (and
>I just got off the phone with Bill Cross in the WTB), the FCC has released
>nothing. Just when this will happen (other than to suspect it will be
>sometime this summer) and what shape any proposed changes will take are very
>very speculative right now (which, frankly, is why we've refrained from
>talking about it).
>
>When the FCC announces something, we hope to be at or very near the front of
>the line in finding out and letting our member know via bulletin and on our
>Web site.
>
>Meanwhile, we (and the FCC) remain certain that the rumors will continue,
>but I wouldn't look for anyone handing out ham tickets on the street corner
>just yet (not everyone would want one anyway). When the FCC does announce
>something, it will be in the usual manner--as a Notice of Proposed
>Rulemaking--permitting time for comments and reply comments before taking
>formal action. Rest assured that the League also will comment at that time.
>
>Best wishes.
>
>73, Rick Lindquist, N1RL
>ARRL HQ
>
>
> -----
>From: Scott Howell
>To: rlindquist
>Subject: Was there an FCC announcement?
>Date: Thursday, July 16, 1998 2:42PM
>
> -----Internet Headers-----
>Received: from caffeine.public.hq.nasa.gov by mgate.arrl.org [6490] with
>smtp
> for <rlindquist@arrl.org>
> id m0ywszR-000ZogC; Thu, 16 Jul 98 14:42 EDT
>X-MailAuth: caffeine.public.hq.nasa.gov, caffeine.public.hq.nasa.gov,
>whowell@hq.nasa.gov, 198.116.65.40

>X-MailAuthTo: rlindquist@arrl.org
>X-Authenticated-Timestamp: 14:42:49(EDT) on July 16, 1998
>Received: from whowellhq.HQ.nasa.gov ([131.182.140.181]) by
>caffeine.public.hq.nasa.gov (8.7.5/8.7.3) with SMTP id 0AA20987 for
><rlindquist@arrl.org>; Thu, 16 Jul 1998 14:42:34 -0400 (EDT)
>Message-Id: <3.0.5.32.19980716144235.007b7cf0@mail.hq.nasa.gov>
>X-Sender: whowell@mail.hq.nasa.gov
>X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.5 (32)
>Date: Thu, 16 Jul 1998 14:42:35 -0400
>To: rlindquist@arrl.org
>From: Scott Howell <whowell@hq.nasa.gov>
>Subject: Was there an FCC announcement?
>Mime-Version: 1.0
>Content-Type: text/plain; charset="us-ascii"
> -----
>was wondering if you knew anything about this. Hate to think our friends at
>the FCC lost their collective minds. Probably not, but one never knows. BTW,
>read many an article etc. you've written and enjoyed them all.
>
>73 de n3byy
>
>>Date: Thu, 16 Jul 1998 13:39:16 -0400
>>Reply-To: dmaliniak@penton.com
>>Sender: owner-qrp-l@Lehigh.EDU
>>From: "David Maliniak" <dmaliniak@penton.com>
>>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>>Subject: Was there an FCC announcement?
>>X-Cc: njqrp@njqrp.org
>>X-Lotus-FromDomain: PENTON CLEVELAND
>>
>>Does anyone know about some kind of pronouncement from the FCC yesterday
>>regarding relaxation of licensing standards? A co-worker/fellow ham
>>(non-QRPer) who is tight with people at CQ Magazine warned me early this
>>week that something was coming. Then, this afternoon, I heard a couple of
>>guys talking about something in this vein on a local repeater and they were
>>hot under the collar. They made it sound as if the death knell for amateur
>>radio as we know it has been rung. HF licenses are about to be handed out
>>on the street, from what they were saying. I've searched the ARRL and FCC
>>websites to no avail.
>>
>>Information? Anyone?
>>
>>David, N2SMH
>>Glen Rock, NJ
>>
>>
>>
>>

>>
>
>

Date: Thu, 16 Jul 1998 16:05:52 -0400
From: Ed <edn4pk@voyageronline.net>
To: barry.p.keating.1@nd.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15251] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <35AE5D20.645B3D82@voyageronline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Barry,

The best way I know to use a "Bug" is to plug it into the rig and get on the air. If you make a mistake no biggie, we are all big boys and girls now and tend to overlook minor sending errors. As long as we can get the jest of the conversation. Anytime you would like to try a qrp to qrp bug qso, just send me some email and we can do it.

73....

Ed W3NR ..

Date: Thu, 16 Jul 1998 16:05:53 -0400
From: David Fouchey <dafouche@jax-inter.net>
To: n6mm@earthlink.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [15252] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <3.0.1.32.19980716160553.007d5540@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:23 PM 7/16/98 -0700, Harvey D. D. Hetland wrote:

>The "proper name" for the "bug" is a semiautomatic key. You will find a
>reprint from a U.S. Army manual on the subject of adjusting a
>semiautomatic key at the following URL which has been noted on the QRP-L
>in the dim, distant past.

>' http://fohnix.metronet.com/~nmcewen/bug_adjust.html

>I for one will be pleased to QSO with you bug to bug when you feel ready
>to get on the air with one. Good luck.

>

>73, Harvey, N6MM.

>

I for one prefer my Lightning bug #6 to any keyer or straight key I have ever used. It'll be retired when both my hands freeze up in rictus...

LEt me know when you'll be on the air and where.

Dave
wa4emr

Date: Thu, 16 Jul 1998 16:16:22 -0400
From: David Fouchey <dafouche@jax-inter.net>
To: whowell@hq.nasa.gov, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15253] RE: Was there an FCC announcement?
Message-ID: <3.0.1.32.19980716161622.007c83a0@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

You can also check in at USENET gov.us.fed.fcc.announce for any FCC announcements.

Dave
WA4EMR

At 03:55 PM 7/16/98 -0400, Scott Howell wrote:
>ay, thought to check into this and here's what came back.

>
>

>>Date: Thu, 16 Jul 1998 16:27:00 -0400
>>From: "Lindquist, Rick, N1RL" <elindquist@arrl.org>
>>Subject: RE: Was there an FCC announcement?
>>To: Scott Howell <whowell@hq.nasa.gov>
>>Cc: "Ford, Steve, WB8IMY" <sford@arrl.org>,
>> "David Maliniak" <dmaliniak@penton.com>
>>X-Mailer: Worldtalk (NetConnex V4.00a)/MIME
>>
>>
>>Gentlemen:
>>
>>We do know (as you have heard elsewhere) that the FCC is in the process of
>>completing its biennial review of all rules, including Part 97. So far (and
>>I just got off the phone with Bill Cross in the WTB), the FCC has released
>>nothing. Just when this will happen (other than to suspect it will be
>>sometime this summer) and what shape any proposed changes will take are very
>>very speculative right now (which, frankly, is why we've refrained from
>>talking about it).

>>
>>When the FCC announces something, we hope to be at or very near the front
of
>>the line in finding out and letting our member know via bulletin and on our
>>Web site.
>>
>>Meanwhile, we (and the FCC) remain certain that the rumors will continue,
>>but I wouldn't look for anyone handing out ham tickets on the street corner
>>just yet (not everyone would want one anyway). When the FCC does announce
>>something, it will be in the usual manner--as a Notice of Proposed
>>Rulemaking--permitting time for comments and reply comments before taking
>>formal action. Rest assured that the League also will comment at that time.
>>
>>Best wishes.
>>
>>73, Rick Lindquist, N1RL
>>ARRL HQ
>>
>>
>> -----
>>From: Scott Howell
>>To: rlindquist
>>Subject: Was there an FCC announcement?
>>Date: Thursday, July 16, 1998 2:42PM
>>
>> -----Internet Headers-----
>>Received: from caffeine.public.hq.nasa.gov by mgate.arrrl.org [6490] with
>>smtp
>> for <rlindquist@arrrl.org>
>> id m0ywszR-000ZogC; Thu, 16 Jul 98 14:42 EDT
>>X-MailAuth: caffeine.public.hq.nasa.gov, caffeine.public.hq.nasa.gov,
>>whowell@hq.nasa.gov, 198.116.65.40
>>X-MailAuthTo: rlindquist@arrrl.org
>>X-Authenticated-Timestamp: 14:42:49(EDT) on July 16, 1998
>>Received: from howellhq.HQ.nasa.gov ([131.182.140.181]) by
>>caffeine.public.hq.nasa.gov (8.7.5/8.7.3) with SMTP id OAA20987 for
>><rlindquist@arrrl.org>; Thu, 16 Jul 1998 14:42:34 -0400 (EDT)
>>Message-Id: <3.0.5.32.19980716144235.007b7cf0@mail.hq.nasa.gov>
>>X-Sender: howell@mail.hq.nasa.gov
>>X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.5 (32)
>>Date: Thu, 16 Jul 1998 14:42:35 -0400
>>To: rlindquist@arrrl.org
>>From: Scott Howell <whowell@hq.nasa.gov>
>>Subject: Was there an FCC announcement?
>>Mime-Version: 1.0
>>Content-Type: text/plain; charset="us-ascii"
>> -----
>>was wondering if you knew anything about this. Hate to think our friends at

>>the FCC lost their collective minds. Probably not, but one never knows. BTW,
>>read many an article etc. you've written and enjoyed them all.

>>

>>73 de n3byy

>>

>>>Date: Thu, 16 Jul 1998 13:39:16 -0400

>>>Reply-To: dmaliniak@penton.com

>>>Sender: owner-qrp-1@Lehigh.EDU

>>>From: "David Maliniak" <dmaliniak@penton.com>

>>>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>>>Subject: Was there an FCC announcement?

>>>X-Cc: njqrp@njqrp.org

>>>X-Lotus-FromDomain: PENTON CLEVELAND

>>>

>>>Does anyone know about some kind of pronouncement from the FCC yesterday
>>>regarding relaxation of licensing standards? A co-worker/fellow ham
>>>(non-QRPper) who is tight with people at CQ Magazine warned me early this
>>>week that something was coming. Then, this afternoon, I heard a couple of
>>>guys talking about something in this vein on a local repeater and they were
>>>hot under the collar. They made it sound as if the death knell for amateur
>>>radio as we know it has been rung. HF licenses are about to be handed out
>>>on the street, from what they were saying. I've searched the ARRL and FCC
>>>websites to no avail.

>>>

>>>Information? Anyone?

>>>

>>>David, N2SMH

>>>Glen Rock, NJ

>>>

>>>

>>>

>>>

>>>

>>

>>

>

>

>

Date: Thu, 16 Jul 1998 16:18:34 -0400

From: David Fouchey <dafouche@jax-inter.net>

To: edn4pk@voyageronline.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [15254] Re: Using a Mechanical Bug (not just QRP)

Message-ID: <3.0.1.32.19980716161834.007c1730@jax-inter.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:05 PM 7/16/98 -0400, Ed wrote:

>Barry,
> The best way I know to use a "Bug" is to plug it into the rig and get
>on the air. If you make a mistake no biggie, we are all big boys and
>girls now and tend to overlook minor sending errors. As long as we can

>get the jest

Now we're joking?<G>

> of the conversation. Anytime you would like to try a qrp to
>qrp bug qso, just send me some email and we can do it.
>73....

>Ed W3NR ..

>

Hey Ed I have used the same bug since around 1966, and wouldn't give it up
for any sort of keyer. It may not be Perfect code but it has style which
keyers lack.

73's
Dave
WA4EMR

Date: Thu, 16 Jul 1998 16:25:40 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: edn4pk@voyageronline.net
Cc: QRP-L@Lehigh.EDU
Subject: [15255] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <2.2.16.19980716161704.2e9743f6@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
> The best way I know to use a "Bug" is to plug it into the rig and get
>on the air. If you make a mistake no biggie, we are all big boys and
>
Sir,

I beg to disagree. There is quite enough bad code on the bands without
someone sending "H" for "I" and heaven knows what for "5". The proper way
to learn to use a bug or a keyer is to plug it into a code practice
oscillator and practice with it there until you have learned to use it

properly! It's simply good manners.

73

Date: Thu, 16 Jul 1998 16:49:19 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [15256] TURN IT UPSIDED DOWN
Message-ID: <90edc701.35ae6750@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

With short verticals the problem is trying to get the current distributed closer to the top. Why not take a 20 ft mast and put the coil near the top and run the vertical DOWN the mast. Feed it at the top with open or 300 ohm feed and run the radials coming down at 45 degrees as guys?

Seems to make a lot of sense to me. What do folks who have been in the HAM business longer than me think?? Alan KB7MBI

(This weekends project!)

Date: Thu, 16 Jul 1998 16:56:21 EDT
From: k7sz@juno.com (Rick Arland)
To: qrp-1@Lehigh.EDU
Subject: [15257] Dan's Small Parts
Message-ID: <19980717.211406.6759.4.k7sz@juno.com>

Tnx to all who provided info about Dan's operation.

73 rich K7SZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 17 Jul 1998 07:01:57 +1000

From: "Glen Torr" <glentorr@ozemail.com.au>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15258] Elmer 300 Info Summary
Message-ID: <001201bdb0fc\$f8a741c0\$21c16ccb@hugo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have available two text files as follows:-

1) Re Elmer 300 Announcement. 15K. Main announcements inc Elmer 200/300 overview, Parts list and other items.

2) Exp1. 18.8K Summary of construction info including Dead Bug intro, nibbling tool punches etc.

If you want one or both of these just holler.

Cheers

Glen VK1FB

Date: Thu, 16 Jul 1998 16:43:26 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <w5yr@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15259] Re: rec.radio.amateur.????
Message-ID: <199807162122.9056200@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ron, George said something that's easy to miss:

> From: George T. Baker <w5yr@swbell.net>; owner-qrp-1@Lehigh.EDU

> find a way to download a list of all newsgroups from your news server.

Every news server has a potentially different list of newsgroups supported.

Some have some policy that makes sense, most seem to be random. What this means is that if you see a newsgroup in deja news, you might not find it on your news client. It also means that the list you get from your client might miss some newsgroups that you care about.

I think deja news is pretty complete, and zippo is very complete (I think you can read them free over the web - not sure - you CAN get their list free).

In any case, if there are newsgroups not provided by your server, you can

get them, it's just that it might cost some time, or even money.

72/73 de WB8RCR

Date: Thu, 16 Jul 1998 17:32:52 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-1@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [15260] RE: Was there an FCC announcement?
Message-ID: <85256643.0076339F.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Comments from N1RL at ARRL HQ. Looks like I might have jumped the gun...
sorry.

David N2SMH

----- Forwarded by David Maliniak/EEPN/Penton on 07/16/98
05:32 PM -----

"Lindquist, Rick, N1RL" <elindquist@arrl.org> on 07/16/98 04:27:00 PM

To: Scott Howell <whowell@hq.nasa.gov>
cc: "Ford, Steve, WB8IMY" <sford@arrl.org>, David Maliniak/EEPN/Penton
Subject: RE: Was there an FCC announcement?

Gentlemen:

We do know (as you have heard elsewhere) that the FCC is in the process of completing its biennial review of all rules, including Part 97. So far (and I just got off the phone with Bill Cross in the WTB), the FCC has released nothing. Just when this will happen (other than to suspect it will be sometime this summer) and what shape any proposed changes will take are very
very speculative right now (which, frankly, is why we've refrained from talking about it).

When the FCC announces something, we hope to be at or very near the front

of
the line in finding out and letting our member know via bulletin and on our
Web site.

Meanwhile, we (and the FCC) remain certain that the rumors will continue,
but I wouldn't look for anyone handing out ham tickets on the street corner
just yet (not everyone would want one anyway). When the FCC does announce
something, it will be in the usual manner--as a Notice of Proposed
Rulemaking--permitting time for comments and reply comments before taking
formal action. Rest assured that the League also will comment at that time.

Best wishes.

73, Rick Lindquist, N1RL
ARRL HQ

From: Scott Howell
To: rlindquist
Subject: Was there an FCC announcement?
Date: Thursday, July 16, 1998 2:42PM

-----Internet Headers-----
Received: from caffeine.public.hq.nasa.gov by mgate.arrrl.org [6490] with
smtp
for <rlindquist@arrrl.org>
id m0ywszR-000ZogC; Thu, 16 Jul 98 14:42 EDT
X-MailAuth: caffeine.public.hq.nasa.gov, caffeine.public.hq.nasa.gov,
whowell@hq.nasa.gov, 198.116.65.40
X-MailAuthTo: rlindquist@arrrl.org
X-Authenticated-Timestamp: 14:42:49(EDT) on July 16, 1998
Received: from howellhq.HQ.nasa.gov ([131.182.140.181]) by
caffeine.public.hq.nasa.gov (8.7.5/8.7.3) with SMTP id OAA20987 for
<rlindquist@arrrl.org>; Thu, 16 Jul 1998 14:42:34 -0400 (EDT)
Message-Id: <3.0.5.32.19980716144235.007b7cf0@mail.hq.nasa.gov>
X-Sender: howell@mail.hq.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.5 (32)
Date: Thu, 16 Jul 1998 14:42:35 -0400
To: rlindquist@arrrl.org
From: Scott Howell <whowell@hq.nasa.gov>
Subject: Was there an FCC announcement?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

was wondering if you knew anything about this. Hate to think our friends at
the FCC lost their collective minds. Probably not, but one never knows. BTW,
read many an article etc. you've written and enjoyed them all.

73 de n3byy

Date: Fri, 17 Jul 1998 00:05:25 +0200 (EET)
From: "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
To: w6toy@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [15261] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <01IZHL8E57XQ8Y58Z3@vyh21.vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

> >
> > The best way I know to use a "Bug" is to plug it into the rig and get
> > on the air. If you make a mistake no biggie, we are all big boys and
> >
> Sir,

> I beg to disagree. There is quite enough bad code on the bands without
> someone sending "H" for "I" and heaven knows what for "5". The proper way
> to learn to use a bug or a keyer is to plug it into a code practice
> oscillator and practice with it there until you have learned to use it
> properly! It's simply good manners.

I would like to second that. I find poor code discouraging. Until now I've managed only a little over 100 CW QSO's in the few years I have had my limited HF license. Good code is OK to copy but poorly timed code I find quite tiring. Maybe that will change over time, I don't know. I suppose the other side may have it's reasons for sending poorly timed code, but nevertheless I have to pass up stations that send code that sounds difficult to copy for I'd miss half of the qso which is embarrassing. To help avoid such reactions from others I have chosen to always use an electronic keyer so that at least my characters are timed properly. Info that surpasses the standard QSO content is difficult enough to copy as it is. Another factor that easily throws me off balance while copying CW are 'dialect' features like separating sentences with ',' instead of '='.

I'm more confident with the technical side of this hobby. I'm now working on getting my antenna back up.

73, oh2zaz
Arjen Raateland
--... ..-... ..-... ..-... ..-... ..-... ..-... ..-... ..-...
Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax +358 9 4030 0490
..-.. -.-

Date: Thu, 16 Jul 1998 18:14:29 -0400
From: Ed <edn4pk@voyageronline.net>
To: David Fouchey <dafouche@jax-inter.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15262] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <35AE7B45.52FE9C2F@voyageronline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave,
It would cease to be fun if we were "perfect"...hihihehe
Ed W3NR ..

Date: Thu, 16 Jul 1998 18:19:20 -0400
From: Ed <edn4pk@voyageronline.net>
To: Bruce Muscolino <w6toy@erols.com>
Cc: QRP-L@Lehigh.EDU
Subject: [15263] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <35AE7C68.19714DEC@voyageronline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce et all
I beg to differ.....What fun is it to send code to your dummy
load ?? Especially when they are not able to reply. I say go for it and
have fun....
Ed W3NR
p.s. When is the last time you received a Qsl from ur dummy load ??
hihi

Date: Thu, 16 Jul 1998 18:29:00 -0400
From: Ed <edn4pk@voyageronline.net>
To: Arjen.Raateland@vyh.fi
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15264] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <35AE7EAC.F8617E0C@voyageronline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In 20 plus years of hamming I have heard my share of bad and/or poor cw. But I look at it as just part of the hobby. How can anyone ever improve their sending by using a dummy load for a Qso ?? Hopefully a marginal op will gain confidence and skill by actual on the air Qso's. But there are some that never will get the hang of it. I will offer to have a Qso with any/and or all ops no matter there proficiency or speed, lets jus enjoy while we can.
Ed W3NR ..

Date: Thu, 16 Jul 1998 17:39:22 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15265] Re: TURN IT UPSIDED DOWN
Message-ID: <35AE811A.BCDADB91@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Haven't thought about how this would work at HF, but you see a lot of cell towers with the antennas mounted "upside down" for lower vertical angle of radiation.

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

ARDUJENSKI@aol.com wrote:

>

> With short verticals the problem is trying to get the current distributed

> closer to the top. Why not take a 20 ft mast and put the coil near the top and
> run the vertical DOWN the mast. Feed it at the top with open or 300 ohm feed
> and run the radials coming down at 45 degrees as guys?
> Seems to make a lot of sense to me. What do folks who have been in the HAM
> business longer than me think?? Alan KB7MBI
>
> (This weekends project!)

--

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Thu, 16 Jul 1998 15:43:51 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15266] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <Pine.SOL.3.96.980716153954.28840B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 16 Jul 1998, Bruce Muscolino wrote:

>The proper way
> to learn to use a bug or a keyer is to plug it into a code practice
> oscillator and practice with it there until you have learned to use it
> properly! It's simply good manners.
>

I tend to agree with Bruce. You need to be able to take the training
wheels off first, then get on the air.

I don't think any of us are saying you have to be past ever making
an error! Shot, we'd all be QRT if that was the case!

But you should be able to send the right number of dits at least
MOST of the time.

I have a bug. I no longer sned good code with it. It stays in
the box. Anyone who wonders why might want to set up a sked!

But you have been forwarned!

cul,

ps: I LOVE bugs..... I just can't use one any more!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 16 Jul 1998 17:52:38 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15267] Re: Using a Mechanical Bug (not just QRP)
Message-ID: <35AE8436.38C9D045@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In a effort to blend the two schools of thought that seem to be emerging on this subject, let me observe that those OF's among us who have been working CW since way back then have developed the "ability" to copy just about anything that sounds remotely like code and to read some meaning into it. All that without much apparent extra effort. Rmember we all grew up listening to bugs and cootie keys that played very fast and loose with the traditional code element spacings!

But the newcomers have grown up on a diet of computer and machine sent code for learning and practice and their decoding/reception processes have not yet developed to the point of being able to tolerate that good old Lake Erie Swing more than a few minutes at a time.

So, I suggest that we adapt our sending machines and dialect to suit our QS0 partners. If they are clearly an old timer, then let 'em have it! But, let's be respectful of the newbies and clean up our act, if even for the duration of a modest QS0.

Besides, we might even unlearn a few bad habits!

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Monte Stark wrote:

>
> On Thu, 16 Jul 1998, Bruce Muscolino wrote:
>
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> > to learn to use a bug or a keyer is to plug it into a code practice
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>
> I tend to agree with Bruce. You need to be able to take the training
> wheels off first, then get on the air.
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> an error! Shot, we'd all be QRT if that was the case!
>
> But you should be able to send the right number of dits at least
> MOST of the time.
>
> I have a bug. I no longer send good code with it. It stays in
> the box. Anyone who wonders why might want to set up a sked!
>
> But you have been forewarned!
>
> cul,
>
> ps: I LOVE bugs..... I just can't use one any more!

Date: Thu, 16 Jul 1998 22:59:08 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15268] Re: QSL Cards?
Message-ID: <35b88563.21484409@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WOW! You guys really came through! THANK you for all the good suggestions!

73 Nat KM5QU Oxford AR

End of QRP-L Digest 1154
